Optoma
World's NO.1 DLP® Projector Expert

ES520/EX530

Show your Style, Save your money, Spread your Joy!

Asking for a crossover projector designed to satisfy all your needs regardless of the venue? **ES520/EX530** is the best solution! Ultra-bright 2600 lumens and 2500:1 contrast ratio ensure remarkable performance with stunning image quality. **ES520/EX530** promises the most compelling visual experience within your budget.

New generation Texas Instruments DLP® technology 0.55" DMD chip

Projector with native SVGA/XGA resolution rendering sharp and graphic visual experience

2600 ANSI lumens & 2500:1 contrast ratio

Providing exceptional brightness and crystal-clear images

Optoma Proprietary TrueVivid™ technology

TrueVivid™ technology enhances color intensity and improves color tone, image depth, and gray scale to deliver the most realistic image

Handy designs for more easier operation

- Full-featured remote controller with mouse/ laser function
- Direct power on/ Quick power off
- Sleep timer and auto shutdown timer while no signal
- Audio-in replaced by RCA input suited for most gaming devices

User friendly features

- Customized start up logo
- Image proportion automatically adjusted to the best viewing mode
- Keypad lock function/ Password protection for added security

10-Year Color Guarantee

Optoma guarantees color quality will stay as vibrant and vivid for ten years

COLOR GUARANTEED 10 YEARS

DLP TEXAS INSTRUMENTS

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ES520/EX530

Specification	ES520	EX530
Display Technology	TI DLP® 0.55'' SVGA DMD Chip	TI DLP® 0.55'' XGA DMD Chip
Resolution	Native SVGA (800x600),Computer capability up to UXGA (1600x1200) 60Hz	Native XGA (1024x768),Computer capability up to UXGA (1600x1200) 60Hz
Brightness (typical)	2600 ANSI Lumens	
Contrast Ratio	2500:1	
Displayable Colors	134.2 million colors	
Projection Lens	F# 2.55 , f = 22.2mm; Fixed Lens manual focus	F# 2.52 ~ 2.73, f = 21.8 ~ 24mm, 1.1x Manual Zoom / focus
Projection Image Size	36.9 ~ 300.2 inches	34.2 ~ 300.8 inches
Projection Distance	1.5 ~ 12.2 meters	
Throw Ratio	2.0:1 (distance/screen width)	1.93 ~ 2.16:1 (distance/screen width)
Keystone Correction	± 30° (vertical)	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Scan Rate	Horizontal: 15 ~ 91.4KHz; Vertical: 43 ~ 87 Hz	
PC Compatibility	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards PC & Macintosh compatible	
Video Compatibility	HDTV (720p, 1080i/p), SDTV (480i/p, 576i/p), Full NTSC, PAL, PAL-M, PAL-N, SECAM,	
Input / Output Connections	VGA (YPbPr/ RGB/ SCART) x1, S-Video x1, Composite Video x1, RCA Audio input x1, Mini-jack Audio output X1, USB Port (For wireless mouse/ service) x1, DB9 RS232 Control interface x1, IR receiver (front & Back) x2	
Uniformity	85 %	
Lamp Type	180-watt replaceable lamp	180-watt replaceable lamp
Estimated Lamp Life	4000 hours (STD mode) / 3000 hours (Bright mode)	
Speaker	1W speaker x1	
Power Supply	Universal AC input 100 ~ 240V; 50/60 Hz	
Weight	2.5 kg / 5.6 lbs	
Operational Noise	30dB(STD mode)	
Dimensions (W×D×H)	280mm x 205mm x 80mm	

ES520 Projection Distance (meter) / Image Size (4:3 diagonal inch)

Projection Distance	Projection Image
1.5	36.9
2.0	49.2
2.5	61.5
3.0	73.8
4.0	98.4
5.0	123.0
6.0	147.6
7.0	172.2
8.0	196.9
9.0	221.5
10.0	246.1
11.0	270.7
12.5	307.6

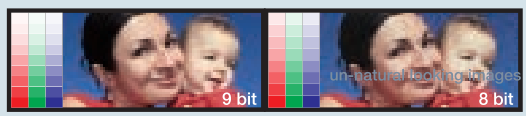
EX530 Projection Distance (meter) / Image Size (4:3 diagonal inch)

Projection Distance	Maximum Image	Minimum Image
1.5	38.2	34.2
2.0	51.0	45.6
2.5	63.7	57.0
3.0	76.5	68.4
3.5	89.2	79.7
4.0	102.0	91.1
5.0	127.5	113.9
6.0	153.0	136.7
7.0	178.5	159.5
8.0	204.0	182.3
9.0	229.5	205.1
10.0	255.0	227.8
11.0	280.5	250.6
12.5	318.7	284.8

For guide purposes only

9 BIT COLOR PROCESSING

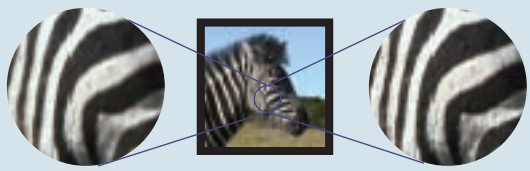
The new 9 bit color processing technology increases the number of colors that can be displayed from 16 millions to over 1 billion.



natural, rich looking colors

DE-INTERLACING

The advanced motion adaptive de-interlacing avoid "jaggy" artifacts and maintainers overall image sharpness and detail.



before After

ES520/EX530 Connections

01. USB
02. S-Video
03. Video
04. Audio in (RCA)
05. Audio out
06. VGA/SCART/YPbPr
07. RS 232

Available from:

OP-ES520_EX530_200804

www.optoma.com

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